



# PRODUCT INFORMATION

**CRENATE**

**G902**

Polycarbonate (PC), 10% glass fiber reinforced with good dimensional stability

Properties		Test method	Unit	Values
Physical	Specific gravity	ASTM D792	-	1.25
	Moisture absorption 24h at 23°C	ASTM D570	%	0.13
	Mould shrinkage (flow)	Cresin Method	%	0.2 ~ 0.3
	Mould shrinkage (transverse)	Cresin Method	%	0.3 ~ 0.4
Mechanical	Izod notched impact	ASTM D256	kg.cm/cm	12
	Tensile strength	ASTM D638	kg/cm <sup>2</sup>	850
	Elongation	ASTM D638	%	4
	Flexural strength	ASTM D790	kg/cm <sup>2</sup>	1,300
	Flexural modulus	ASTM D790	kg/cm <sup>2</sup>	35,000
	Rockwell hardness	ASTM D785	R-Scale	120
Thermal	Melting point	ASTM D3418	°C	-
	HDT	ASTM D648	°C (18.5kg/cm <sup>2</sup> )	130
			°C (4.6kg/cm <sup>2</sup> )	145
Flammability	UL 94	-	HB	

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